

MAP2 (phospho-Ser136) rabbit pAb

Cat No.:ES15041

For research use only

Overview

Product Name	MAP2 (phospho-Ser136) rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Human;Rat
Recommended dilutions	WB 1:1000-2000
Immunogen	Synthesized phospho peptide around human MAP2 (Ser136)
Specificity	This antibody detects endogenous levels of Human Rat MAP2 (phospho-Ser136)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C . Avoid repeated freeze-thaw cycles.
Protein Name	MAP2 (Ser136)
Gene Name	MAP2
Cellular localization	Cytoplasm, cytoskeleton . Cell projection, dendrite .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	200kD
Human Gene ID	4133
Human Swiss-Prot Number	P11137
Alternative Names	Microtubule-associated protein 2 (MAP-2)
Background	This gene encodes a protein that belongs to the microtubule-associated protein family. The proteins of this family are thought to be involved in microtubule assembly, which is an essential step in neurogenesis. The products of similar genes in rat and mouse are neuron-specific cytoskeletal proteins that are enriched in dendrites, implicating a role in determining and stabilizing dendritic shape during neuron development. A number of alternatively





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spliced variants encoding distinct isoforms have
been described. [provided by RefSeq, Jan 2010],



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